From: Jim Smith
To: Angela Nance

Date: 6/17/2004 9:33:08 AM **Subject:** Fwd: January DMR's

Angela,

I've already copied these files to the O drive. Receipt of these files needs to noted in WQ04-1 files in the CTS for each of the 4 PCFCorp mines.

Dennis Oakley

Senior Environmental Engineer

Energy West Mining Company 15 North Main Street P.O. Box 310 Huntington, Utah 84528

Phone: 435.687.4825 Cell: 435.650.9233 Fax: 435.687.2695

e-mail: dennis.oakley@pacificorp.com

Peace means loyalty to self....And loyalty to one's self means never a gap between thought, speech, act.

--Ruth Beebe Hill-

James D. SMITH jimdsmith@utah.gov 801 538 5262

CC: Pam Grubaugh-Littig



February 27, 2004

Department of Environmental Quality Division of Water Quality 288 North 1460 West P.O. Box 144870 Salt Lake City, UT 84114-4870

Gentleman:

Enclosed are the monthly discharge reports for the Deer Creek, Des-Bee-Dove, Trail Mountain, and Wilberg mines and the Hunter Coal Preparation and Blending Facility for the month of January, 2004. There was one (1) allowable TDS (5000 mg/L) with a value of 6131 mg/L. Historically, increased TDS in the pond occurs during the wintertime months as road salt is applied to travelways within the mine property. A 50/50 mixture of sand/salt is being utilized to treat roadways for snowmelt.

If you have any questions concerning this report, please feel free to call either Dennis Oakley at (435) 687-4825 or Chuck Semborski at (435) 687-4720.

Sincerely,

Douglas E. Johnson

Manager of Administration and Technical Services

Encl

Division of Oil, Gas and Mining Cc:

Douglas Ephran

Coal Regulatory Program 1594 West North Temple, Suite 1210 Salt Lake City, Utah 84114-5801

Chuck Semborski, with enclosures Dennis Oakley,

Ken Fleck

			Di	ischarg	e Monitor	ing Report	t				
Name: PacifiCorp, Energ Address: P.O. Box 310	gy West Mining Co	mpany						Sediment po	ond outfall into C	ottonwood Ck.	
Huntington, Uta			UT0023728	1	01/01/2004	01/31/2004]		001A		No Discharge
Facility: Trail Mountain	viine		Permit Number	_	Monitor	ing Period		Discha	rge Number	1	X
Parameter		Quan	tity or Loading	ξ	Q	uantity or Con	centration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement				******	******	******	****		1/30	Measrd
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	******	******	****		once/month	Estimated
pН	Sample Measurement	*****	******	****		******				1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	******	******	****	******					1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	******	25 30 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	******	******	****	******	******				1/30	Grab
0545 R 0 0 Per Effluent Gross Value Re	Permit Requirement	*****	******	****	******	******	0.5 Daji	(25) mL/L		once/month	Grab
Sa Sa	Sample Measurement	*****	******	****		276				1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	*****		**	SCI		l.4 Daily max	(19) mg/L		once/month	Grab
Oil and Grease	Sample Measurement	*****	NO	****	******	******				0	-
03582 1 0 0 Effluent Gross Value	Permit Requirement	*****	*******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved	Sample Measurement	*****			******	******				1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) Ibs/day	******	******	5000 Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual	Sample Measurement	******		(94)	******	******	******	****		4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes =1 no=0	******	******	******	****		Weekly	Visual
Name/Title Principal Exc	cutive Officer		of law that I have personally			Date:	02/27/20	004		Telephone	
Dee Jense - Preside Mining Com		immediately responsible information is true, according for submitting false info	herein; and based on my inc le for obtaining the informa urate and complete. I am av ormation, including the pos	tion,I believe th ware that there si sibility of fine ar	he submitted ignificant penalties nd imprisonment.	Douglas	Ephra.	435 687-98		-9821	
			001 and 33 USC paragraph to \$10,000 and or maximum		nalties under these f between 6		rincipal Executive Off	icer or	Area Code	Nu	mber
Typed or Pris									-		
	s and explanation of any violations: rm discharge, sample for settleable solids; Sample for oil and grease is only required when sheen is observed										

Name: PacifiCorp, Energ Address: P.O. Box 310	y West Mining Co	mpany	וע	scnarg	e Monitor	ing Kepori	Į.				
Huntington, Utah Facility: Trail Mountain!			UT0023728 Permit Number		01/01/2004 Monitori	01/31/2004 ng Period	3	Dischar	002 rge Number]	No Discharge
Parameter		Quan	tity or Loading		Qı	antity or Cor	centration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement				******	******	******	****		2/30	Measurd
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	******	******	****		twice/month	Estimated
pН	Sample Measurement	******	******	****		******				2/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	******	****	******					2/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	25 30 day avg	70 daily max	(19) mg/L		twice/month	Grab
Settleable Solids	Sample Measurement	******	******	****	******	******				**	**
Effluent Gross Value	Permit Requirement	*****	******	****	******	******	0.5 Dai	(25) mL/L		once/month	Grab
ron, Total (as Fe)	Sample Measurement	******	******	****	******	1216	5			2/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	******		**	561		l.4 Daily max	(19) mg/L		twice/month	Grab
Oil and Grease	Sample Measurement	******	NO	****	******	******				**	**
03582 1 0 0 Effluent Gross Value	Permit Requirement	*****	*******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved	Sample Measurement	*****	******	****	******	******				2/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	1200 Daily max	(19) mg/L		twice/month	Grab
Oil and Grease, Visual	Sample Measurement	*****		(94)	******	******	******	****		4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes =1 no=0	******	******	******	****		Weekly	Visual
Name/Title Principal Exe	cutive Officer		of law that I have personally herein; and based on my inq			Date:	02/27/20	004		Telephone	
Dee Jense - Presider Mining Com		immediately responsible information is true, acco	le for obtaining the informa urate and complete. I am av ormation, including the poss	tion,I believe to ware that there s	he submitted ignificant penalties	Dugla	5 Ephra	-	435	687-	-9821
			001 and 33 USC paragraph in to \$10,000 and or maximum		enalties under these f between 6		rincipal Executive Offi	icer or	Area Code	Nu	mber
Comments and explanation Sample for oil and grease	of any violations	:	ved			1	•		!		

			D	ischar	ge Monito	ring Repor	rt				
Name: PacifiCorp, Ener Address: P.O. Box 310 Huntington, Uta Facility: Deer Creek Min		empany	UT0023604 Permit Number		01/01/2004 Monitor	01/31/2004 ing Period	3		001 ge Number		No Discharge
Parameter			tity or Loading	'		uantity or Cor	1			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement	0.04	0.04		*****	*****	******	****	0	1/30	Measured
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	******	******	****		once/month	Estimated
pН	Sample Measurement	*****	******	****	8	*****	8		0	1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	******	****	7	7	7		0	1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	25 30 day avg	35 max 7 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	******	****	*****	*****	N/A		***	**	**
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	*****	*****	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	******	******	****	******	0.07	0.07		0	1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	*****	******	****	*****	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Oil and Grease Freon Extr-Grav Method	Sample Measurement	*****	******	****	*****	******	N/A		***	**	**
00556 0 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved 180 °C	Sample Measurement	*****	1444		*****	1444	6131		1	1/30	Grab
70300 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) Ibs/day	******	Report 30 day avg	5000 Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual	Sample Measurement	******	0	(94)	******	******	******	****	0	4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes =1 no=0	******	******	******	****		Weekly	Visual
Name/Title Principal Exc	ecutive Officer		of law that I have personally			Date:	02/27/20	004		Telephone	
Dee Jense - Preside Mining Com		immediately responsib information is true, acc for submitting false info	penally of law that I have personally examined and am familiar with the bmitted herein, and based on my inquiry of those individuals seponsible for obtaining the information, I believe the submitted true, accurate and complete. I am aware that there significant penalties false information, including the possibility of fine and imprisonment. ragaraph 1001 and 33 LSC paragraph 3 139 (Penalties under these			Dugla	5 Ephra	_	435	687-9821	
Toward - D.			to \$10,000 and or maximum				rincipal Executive Off Authorized Agent	cer or	Area Code	Nun	nber
	Typed or Printed months and a years () Authorized Agent Comments and explanation of any violations:										
Sample oil and grease onl			is another reason to	believe oil i	s present. Fill in N/	A when a test is not	performed.				
C I C FD4 F 2220 1										D 1 . C2	

			D	ischar	ge Monito	ring Repoi	·t				
Name: PacifiCorp, Energ Address: P.O. Box 310	y West Mining Co	mpany		_			_	Deer Creek	Mine Discharge		
Huntington, Utah	1 84528		UT0023604		01/01/2004	01/31/2004			002		No Discharge
Facility: Deer Creek Mine			Permit Number	J	Monitori	ing Period	1	Dischar	ge Number		
P		Quant	ity or Loading	,	01	antity or Cor	centration				
Parameter		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate	Sample Measurement	0.27	0.66	Cimo	******	******	******	****	0	1/30	Measured
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	******	******	****		once/month	Estimated
рН	Sample Measurement	******	******	****	6.52	******	6.52		0	1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	******	******	****	<5	<5	<5		0	1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	25 30 day avg	35 max 7 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	******	******	****	******	******	N/A		***	****	****
00545 R 0 0 Permi Effluent Gross Value Requi	Permit Requirement	******	******	****	******	******	0.5 Daily max	(25) mL/L		once/month	Grab
Sar Fron, Total (as Fe) Me	Sample Measurement	******	******	***	******	0.37	0.37		0	1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	******	******	****	******	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Oil and Grease Freon Extr-Grav Method	Sample Measurement	******	******	***	******	******	N/A		***	**	**
00556 0 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved 180 °C	Sample Measurement	******	******	****	******	431	431		0	1/30	Grab
70300 1 0 0 Effluent Gross Value	Permit Requirement	******	*****	****	******	800 Qrtr avg	1000 Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual	Sample Measurement	******	0	(94)	******	******	******	***	0	4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes =1 no=0	******	******	******	****		Weekly	Visual
Name/Title Principal Exec	cutive Officer		flaw that I have personally serein; and based on mying			Date:	02/27/20	04		Telephone	
Dee Jense - Presider Mining Com		immediately responsibl information is true, accu for submitting false info	e for obtaining the informa trate and complete. I am av rmation, including the poss	tion, I believe t vare that there s sibility of fine a	he submitted ignificant penalties nd imprisonment.	Dugla	Ephra.	_	435	687-9821	
Typed or Prin			001 and 33 USC paragraph 1 to \$10,000 and or maximum		nalties under these of between 6		incipal Executive Offi- uthorized Agent	cer or	Area Code	Num	iber
		·								1	
	ments and explanation of any violations: sle oil and grease only when a hseen is observed, or there is another reason to believe oil is present. Fill in N/A when a test is not performed.										
	-		s another reason to l	believe oil i	s present. Fill in N/A	A when a test is not	performed.				

			Di	ischarg	e Monitor	ing Repor					
Name: PacifiCorp, Energ	y West Mining Co	mpany					Minor				
Address: P.O. Box 310 Huntington, Utah	84528		UT0022896	1	01/01/2004	01/31/2004	7		001	1	No Discharge
Facility: Cottonwood/Wi			Permit Number			ing Period		Dischar	rge Number		No Discharge
-	_										
Parameter		Quan	tity or Loading	ζ	Q	uantity or Co	ncentration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement	0.034	0.034		******	******	*****	****	0	1/30	Measured
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	******	******	*****	****		once/month	Measured
pН	Sample Measurement	******	******	****	7	******	7		0	1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	******	****	<5	<5	<5		0	1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	25 30 day avg	35 7 day max	70 daily max	(19) mg/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	******	******	****	******	******	< 0.05		0	1/30	Grab
1045 10 0 Pe ffluent Gross Value Re	Permit Requirement	******	******	****	******	******	1.8 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved M	Sample Measurement	*****	225.6		******	******	*****	****	0	1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	******	2000 Daily max	(26) lbs/day	******	******	******	****		once/month	Grab
Oil and Grease	Sample Measurement	******	******	****	******	******	N/A		***	**	**
03582 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Oil and Grease, Visual	Sample Measurement	*****		(94)	******	******	******	****	0	4/30	Visual
84066 0 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes =1 no=0	******	******	******	****		Weekly	Visual
	Sample Measurement										
	Permit Requirement										
Name/Title Principal Exe	cutive Officer		of law that I have personally			Date:	02/27/20	004		Telephone	
Dee Jense - Presider Mining Com		immediately responsib information is true, acc for submitting false info	herein; and based on my ine le for obtaining the informa urate and complete. I am a rmation, including the pos	tion,I believe th ware that there si sibility of fine ar	ne submitted gnificant penalties nd imprisonment.	Dugla	o Ephon	_	435 687-9821		-9821
			001 and 33 USC paragraph to \$10,000 and or maximum		nalties under these f between 6		Principal Executive Offi Authorized Agent	cer or	Area Code	Nu	ımber
Typed or Prin		1				1				1	
Comments and explanation If oil and grease sheen is of			I this must be less that	nn 10 mg/L.							

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 Revised 1-02
 Page 1 of 6

			Di	scharg	ge Monitoi	ring Repo	rt				
Address: P.O. Box 310	ergy West Mining C	Company		_			Minor			-	
Huntington, Uta Facility: Cottonwood/V			UT0022896 Permit Number		01/01/2004	01/31/2004 ng Period			003 ge Number		No Discharge
racinty. Cottonwood/	vincer g .vince		Permit Number		IVIOIIIOTI	ng renou	_	Dischar	ge Number		X
Parameter			tity or Loadin	-		uantity or Co		I		Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement				*****	*****	******	****		1/30	Measured
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	*****	*****	******	****		once/month	Measured
pН	Sample Measurement	******	*****	****		*****				1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	*****	****						1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	25 30 day avg	35 7 day x		(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****	sie	cha	<u> </u>			1/30	Grab
0545 R 0 0 Pe Effluent Gross Value Re	Permit Requirement	******	****	0	DJJ	******	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	****	****	*****					1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	******	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****			*****	*****	******	****		1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	******	*****	******	****		once/month	Grab
Oil and Grease, Visual	Sample Measurement	******		(94)	******	*****	******	****		4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes =1 no=0	*****	*****	******	****		Weekly	Visual
Name/Title Principal Ex	ecutive Officer		of law that I have persona herein; and based on my it			Date:	02/27/20	004		Telephone	
Dee Jense - Preside Mining Co		immediately responsib information is true, acc for submitting false in	le for obtaining the inform curate and complete. I am formation, including the po	ation, I believe aware that ther assibility of fine	the submitted e significant penalties and imprisonment. See	Dougla	o Ephron	_	435	687	-9821
Typed or Pri	• •		11 and 33 USC paragraph 1 0,000 and or maximum imp				Principal Executive Of Authorized Agent	ficer or	Area Code	Nι	ımber
Comments and explana						1				·	
If oil and grease sheen i			en and this must b	e less than	10 mg/L.						
Copied from EPA Form 332	20-1 (Rev.3-99)		Revised 1-02							Page 3 of 6	

Name: PacifiCorp, Energ Address: P.O. Box 310	-	ompany		scharg	e Monitori		Minor					
Huntington, Utah Facility: Cottonwood/Wil			UT0022896 Permit Number		01/01/2004 Monitorin	01/31/2004 ng Period			004 ge Number		No Discharge	
Parameter		Quan	tity or Loading		Qu	antity or Con	centration			Frequency of		
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type	
Flow Rate	Sample Measurement				*****	******	******	****				
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	******	******	******	****		once/month	Measured	
pН	Sample Measurement	******	******	****		******						
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab	
Solids, Total Suspended	Sample Measurement	*****	******	****			-40					
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	25 30 day a	35 N 13		(19) mg/L		once/month	Grab	
Iron, Total (as Fe)	Sample Measurement	*****	******	**	NIS	سال						
10045 10 0 Perm Effluent Gross Value Requ	Permit Requirement	******	*****	O.		Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab	
Solids, Total Dissolved Me 70295 1 0 0 Per Effluent Gross Value Res	Sample Measurement	******			******	******	******	****		1/30	Grab	
	Permit Requirement	******	2000 Daily max	(26) lbs/day	******	******	******	****		once/month	Grab	
Oil and Grease, Visual	Sample Measurement	******		(94)	*****	******	******	****		4/30	Visual	
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes =1 no=0	******	******	******	****		Weekly	Visual	
	Sample Measurement											
	Permit Requirement											
	Sample Measurement											
	Permit Requirement											
Name/Title Principal Exe	cutive Officer		flaw that I have personally serein; and based on my inq			Date:	02/27/20	04		Telephone		
Dee Jense - Presider Mining Com		immediately responsibl information is true, accu for submitting false info	e for obtaining the informa trate and complete. I am a w rmation, including the poss and 33 USC paragraph 1319	tion, I believe th are that there si ibility of fine ar	e submitted gnificant penalties	Dugla	Ephra.	_	435	687-	9821	
Typed or Prin	ted		00 and or maximum imprisor				ncipal Executive Offic othorized Agent	er or	Area Code	Code Number		
Comments and explanation If oil and grease sheen is ol	of any violations		this must be less that	n 10 mg/L.					•	•		

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Revised 1-02

Page 4 of 6

			Dis	scharg	e Monitor	ing Repor	rt .				
	ergy West Mining (Company	21	,	0 1/1011101	gpo.	Minor				
Address: P.O. Box 310 Huntington, Uta	h 94529		UT0022896	Т	01/01/2004	01/31/2004	n 1		005	ì	No Discharge
Facility: Cottonwood/			Permit Number		Monitorii		1		ge Number		X
				_			_			•	IA.J
Parameter		Quant	ity or Loadin	g	Oı	iantity or Coi	centration				
1 at affecter		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate	Sample Measurement				******	******	*****	****			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	*****	******	*****	****		once/month	Measured
pН	Sample Measurement	*****	*****	****		*****					
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	*****	****	******		Δ				
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****		- 25 1		7 day max	(19) mg/L		once/month	Grab
ettleable Solids M 0545 R 0 0 P	Sample Measurement	*****	a fa		5 6 11	*****	NR				
	Permit Requirement	*****	NU	****	*****	*****	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	******						
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	******	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****			******	*****	******	****		1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	******	*****	******	****		once/month	Grab
Oil and Grease, Visual	Sample Measurement	*****		(94)	******	******	*****	****			
84066 1 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes =1 no=0	******	******	*****	****		Weekly	Visual
Name/Tital Principal E	xecutive Officer		of law that I have persona nerein; and based on my i			Date:	02/27/20	004		Telephone	
Dee Jense - Presid Mining Co		immediately responsible information is true, acc	e for obtaining the inform urate and complete. I am formation, including the po	ation, I believe aware that ther	the submitted e significant penalties	Dongla	5 Ephra	~	435	687	-9821
			and 33 USC paragraph 1 000 and or maximum imp				rincipal Executive Offi uthorized Agent	icer or	Area Code	Nu	mber
Typed or Pr							6			l	
Comments and explan If oil and grease sheen			en and this must b	e less than	10 mg/L.						
	20.4 (7) 2.00		D : 14.00							D 4 44	
Copied from EPA Form 332	20-1 (Rev.3-99)		Revised 1-02							Page 5 of 6	

			Dis	scnarg	e Monitor	ıng Kepor	τ				
Name: PacifiCorp, End Address: P.O. Box 310	ergy West Mining C	Company						Minor F - Final, C	ombination 002,	003, & 005	
Huntington, Utai	h 84528		UT0022896	Ī	01/01/2004	01/31/2004	1		UM A	1	No Discharge
Facility: Cottonwood/	Vilberg Mine		Permit Number	1	Monitorin	ng Period		Dischar	ge Number	No. Ex. Frequency of Analysis Sample	$\overline{\mathbf{v}}$
			•								
Parameter		Quan	tity or Loadin	g	Qu	antity or Con	centration	,		Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.		Sample Type
Solids, Total Dissolved	Sample Measurement				*****	*****	*****				
70295 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	2000 Daily max	(26) lbs/day	*****	******	*****	****		once/month	Grab
	Sample Measurement										
	Permit Requirement					-40					
	Sample Measurement				h	ary					
	Permit Requirement				NISCH	- 6	6				
	Sample Measurement		N	0	_	a Al	J				
	Permit Requirement		1		<u>^17.</u>	0					
	Sample Measurement				$\mathbf{n}_{\mathbf{n}_{\mathbf{n}_{\mathbf{n}}}}$						
	Permit Requirement		, Fr	حبرازا							
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
Name/Title Principal Ex	ecutive Officer		of law that I have personal herein; and based on my i			Date:	02/27/20	004		Telephone	•
Dee Jense - Presid Mining Co		immediately responsil information is true, ac for submitting false in	ble for obtaining the inform occurate and complete. I am nformation, including the po	ation, I believe aware that ther assibility of fine	the submitted e significant penalties and imprisonment. See	Dougla	5 Ephra	_	435	687	7-9821
	• •		01 and 33 USC paragraph 0,000 and or maximum imp				incipal Executive Off	cipal Executive Officer or Area Code Numl		ımber	
Typed or Pr Comments and explan						1	6			l	
Total discharge of TDS			shall not exceed 2	,000 lbs/da	y during draw do	wn.					

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Name: PacifiCorp, Energanders: P.O. Box 310	gy West Mining C	ompany	Di	scharg	ge Monito	ring Repo	rt				
Huntington, Utah Facility: Des Bee Dove M			UTG040022 Permit Number		01/01/2004 Monitori	01/31/2004 ng Period] [001 ge Number]	No Discharge
Parameter		Quant	tity or Loadin	g	Q	uantity or Co	ncentration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement				*****	*****	*****	****			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	******	****		once/month	Estimated
pH	Sample Measurement	*****	*****	****		*****					
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU			
Solids, Total Suspended	Sample Measurement	*****	*****	****	******	200	-40		****	****	****
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	20 dz A 2		(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	******	****	D15	61100	-		****		
0545 R 0 0 ffluent Gross Value	Permit Requirement	*****	****	U·	******	*****	0.5 Daily max	(25) mL/L		once/month	Grab
fron, Total (as Fe)	Sample Measurement	*****	******	****	*****	*****			****	****	****
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****	*****	****	*****	*****					
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	*****	Report Daily max	(19) mg/L		once/month	Grab
07 10 15 1	Sample Measurement	*****		****	******	*****	******	****			
Oil and Grease, Visual 84066 100 Effluent Gross Value	Permit Requirement	*****	0 inst max	(94) yes =1 no=0	******	*****	*****	****		Weekly	Visual
Name/Title Principal Exe	cutive Officer		f law that I have personal erein; and based on my in			Date:	02/27/20	004		Telephone	
Dee Jense - Preside Mining Com		immediately responsible information is true, acc for submitting false info	e for obtaining the informa- urate and complete. I am a armation, including the po- and 33 USC paragraph 1.	ation, I believe aware that ther assibility of fine	the submitted e significant penalties and imprisonment. See	Douglas	Ephron		435	687	-9821
Typed or Prin	ted		000 and or maximum imp				incipal Executive Offi uthorized Agent	cer or	Area Code	Nu	ımber
Comments and explanat Oil and grease not to exc	-		1. Settleable solids	s shall be n	neasured during s	storm water disch	arge.		_	_	

			Di	scnarg	ge Monitoi	rıng Kepo	rt				
Name: PacifiCorp, Ener Address: P.O. Box 310 Huntington, Utah Hunter Coal Pro		ompany	UTG040009 Permit Number		01/01/2004 Monitori	01/31/2004 ng Period]		001 ge Number]	No Discharge
Parameter			ity or Loadin		_	uantity or Co	1	Lluita		Frequency of	
	Sample	Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Measurement				******	******	*****	****			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	******	*****	****		once/month	Estimated
pH	Sample Measurement	*****	*****	****		*****					
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU			
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****				****	****	****
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	25 30 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****	-****	a 152	rue	Ī	****		
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	******	****		Chr	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	******	U	******	******			****	****	****
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	******	******	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****	*****	****	*****	******					
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	******	Report Daily max	(19) mg/L		once/month	Grab
	Sample Measurement	*****		****	******	******	*****	****			
Oil and Grease, Visual 84066 1 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	(94) yes =1 no=0	******	*****	*****	****		Weekly	Visual
Name/Title Principal Exe	cutive Officer		flaw that I have personal erein; and based on my in			Date:	02/27/20	004		Telephone	
Dee Jense - Preside Mining Com		immediately responsible information is true, accor- for submitting false info	for obtaining the informa- mate and complete. I am a rmation, including the po	ation, I believe aware that then assibility of fine	the submitted e significant penalties and imprisonment. See	Douglas	, Ephron	_	435	687	-9821
Typed or Prin			and 33 USC paragraph 1: 000 and or maximum imp				incipal Executive Off uthorized Agent	icer or	Area Code	Nu	ımber
Comments and explanat Oil and grease not to exc	ion of any viola		. Settleable solids	s shall be n	neasured during s	storm water disch	arge.				

Name: PacifiCorp, Ener Address: P.O. Box 310	gy West Mining C	ompany	Di	scharg	ge Monito	ring Repo	rt				
Huntington, Utah Facility: Hunter Coal Pro			UTG040009 Permit Number		09/01/2003 Monitori	09/30/2003 ng Period]	Dischar	002 ge Number]	No Discharge
Parameter		Quan	tity or Loadin	g	Q	uantity or Co	ncentration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement Permit	Dominant	Danasat		*****	*****	*****	****			
00056 1 0 0 Effluent Gross Value	Requirement	Report 30 day avg	Report Daily max	mgd	******	*****	******	****		once/month	Estimated
pH	Sample Measurement	******	*****	****		******					
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU			
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****				****	****	****
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	30 day av		(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement Permit	*****	******	****	nic	:CH			****		
0545 R 0 0 Per ffluent Gross Value Re	Requirement	*****	*****	40	71-	******	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	******	****	*****	*****	1.0		****	****	****
01045 10 0 Effluent Gross Value	Permit Requirement	******	*****	****	*****	*****	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved 70295 1 0 0	Sample Measurement	*****	2000	****	*****	*****					
Effluent Gross Value	Permit Requirement	*****	Daily max	(26) lbs/day	*****	*****	Report Daily max	(19) mg/L		once/month	Grab
	Sample Measurement	*****		****	******	******	******	****			
Oil and Grease, Visual 84066 100 Effluent Gross Value	Permit Requirement	*****	0 inst max	(94) yes =1 no=0	*****	*****	*****	****		Weekly	Visual
Name/Title Principal Exe	cutive Officer		of law that I have personal nerein; and based on my in			Date:	02/27/20	004		Telephone	
Dee Jense - Preside Mining Com		immediately responsible information is true, acc for submitting false inf	e for obtaining the informa- rurate and complete. I am formation, including the po I and 33 USC paragraph 1	ation, I believe aware that ther assibility of fine	the submitted e significant penalties and imprisonment. See	Dougla	5 Ephra		435	687	-9821
Typed or Prin	ted		000 and or maximum imp				rincipal Executive Of authorized Agent	icer or	Area Code	Nu	ımber
Comments and explanat Oil and grease not to exc	-		d. Settleable solid	s shall be r	neasured during s	storm water disch	narge.				